

## Abstract

The present invention provides a novel test piece for creatinine measurement. The test piece includes a compound expressed by the following formula (1), a metal that forms a colored complex with the compound, and a buffer agent in a porous material. The amount of creatinine is determined by optically measuring a colored complex of the compound and the metal and evaluating the degree of inhibition of the colored complex formation by creatinine. In the formula (1),  $R^1$  represents H,  $SO_3X$ , or  $COOX$ .  $R^4$  and  $R^6$  represent OH,  $SO_3X$ , or  $COOX$  and may be either the same or different.  $R^2$ ,  $R^3$ ,  $R^5$ , and  $R^7$  represent H, OH, Cl, Br, I,  $NO_2$ , NO, or  $CH_3$  and may be either the same or different. Xs in the  $R^1$ ,  $R^4$ , and  $R^6$  represent H, Na, K, or  $NH_4$  and may be either the same or different.

